



CALCIDUN AFA 50

PRODUCT DESCRIPTION: Magnesium Silicate

CHEMICAL COMPOSITION:

	Typical (%)
MgO	40,0
SiO ₂	44,1
Fe ₂ O ₃	9,9
Al ₂ O ₃	3,3
CaO	1,9
LOI	< 1

PHYSICAL PROPERTIES:

Bulk density (g/cm ³)	2,8
Apparent porosity (%)	<1,5
Cold crushing strength (MPa)	90
Hardness (Mohs scale)	6,5/7

GRAIN SIZE DISTRIBUTION:

	Range	Typical
>500 μm (%)	2-5	4
200-500 μm (%)	70-80	75
100-200 μm (%)	15-30	20
< 100 μm (%)	0-2	1
Humidity (%)	Max. (%)	Typical (%)
	8	5

APPLICATIONS

The product is used as raw material for the production of basic refractory mixes

This TDS replaces all previous ones

The above technical data corresponds to averages obtained in our laboratories over a long period of time and may be subjected to reasonable variations, not constituting therefore a Technical Specification.

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